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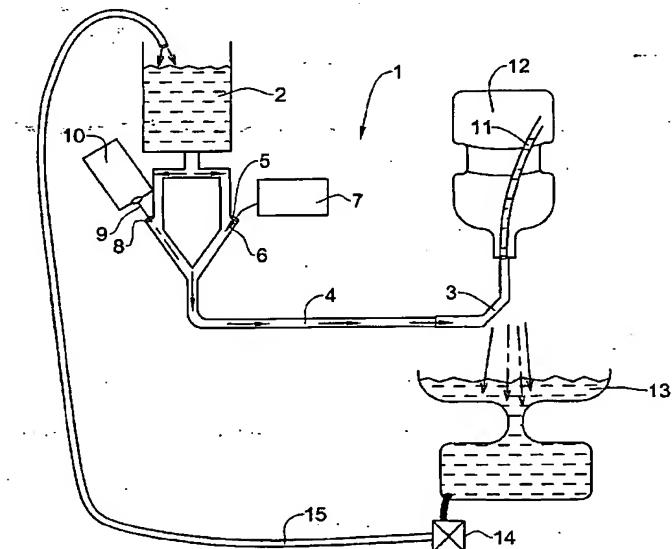
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(54) Title: METHOD FOR ENERGY COUPLING ESPECIALLY USEFUL FOR DISINFECTION, AND VARIOUS SYSTEMS
USING IT



(57) Abstract: Method and system are disclosed for coupling energy from at least one energy source, e.g. UV light source, ultrasonic transducer, or combination thereof, to a target site, e.g. hazardous bacteria, through a streaming liquid, e.g. water. The bacteria toward which energy is to be coupled could be present in the water stream itself and/or on a surface toward which the water stream is to be launched at the end of its flow. Accordingly, in-line aseptic filling is provided, which can fill and simultaneously disinfect a container. According to another embodiment where the water is used for washing, in-line aseptic washing device is provided. A variety of other embodiments is disclosed as well.

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